

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-351850

(43)Date of publication of application : 19.12.2000

(51)Int.Cl.

C08J 3/12  
C08J 3/24  
C08K 5/09  
C08K 5/1515  
C08L 9/00  
C08L 23/02  
C08L 53/02  
C08L 67/00  
C08L 75/00  
C08L 77/00  
C08L 91/02

(21)Application number : 2000-144071

(71)Applicant : RIKEN VINYL INDUSTRY CO LTD

(22)Date of filing : 10.04.2000

(72)Inventor : TASAKA MICHIHISA  
YAMANAKA TOSHIMI

(30)Priority

Priority number : 11139056 Priority date : 09.04.1999 Priority country : JP

## (54) THERMOPLASTIC ELASTOMER RESIN PARTICLE FOR POWDER MOLDING

(57)Abstract:

PROBLEM TO BE SOLVED: To solve the problem with flowability of a thermoplastic elastomer in powder molding and provide an easily recyclable powder molding product of a thermoplastic elastomer resin excellent in resistances to oil and abrasion.

SOLUTION: The objective particles are obtained by dynamically crosslinking a composition comprising (A) 100 pts.wt. component comprising a block copolymer comprising at least two polymer blocks formed mainly from an aromatic vinyl compound and at least one polymer block formed mainly from a conjugated diene compound and/or a hydrogenated block copolymer obtained by hydrogenating the block copolymer, (B) 20-300 pts.wt. nonaromatic rubber softener, and (C) 10-150 pts.wt. component comprising a peroxide-decomposable olefin resin and/or a copolymer containing a peroxide-decomposable olefin resin. The particles have a length of 400  $\mu$ m or lower and a ratio of length to breadth of (3:1)-(1:1).

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]